

## **403 HOT BITUMINOUS PAVEMENT**

### **403.01 DESCRIPTION**

This work shall consist of constructing one or more courses of bituminous pavement in accordance with the requirements of 401, these specifications, and shall be in conformity with the lines, grades, thicknesses and cross sections shown in the contract documents and as directed by the Engineer. The asphaltic mixture shall be either Class A, B or C as designated and composed of a mixture of asphalt cement, coarse aggregate, fine aggregate, mineral filler and anti strip additive, or hydrated lime, as required by the approved job mix formula.

### **403.02 MATERIALS**

Requirements of 401.03 apply except as modified herein.

#### **(A) COARSE AGGREGATE.**

Class A - 803.04(C)(1)

Class B - 803.04(C)(2)

Class C - 803.04(B)(1)

#### **(B) FINE AGGREGATE.**

Class A, B and C - 803.03(A)

**(C) STONE SCREENINGS.** No. 10 aggregate as specified in 803.03(A) and shall be nonplastic.

**(D) HYDRATED LIME.** 821.03(A)

**(E) ANTI STRIP ADDITIVE** - 802.08

### **403.03 CONSTRUCTION REQUIREMENTS**

The Construction requirements shall be as prescribed in 401 and compacted as follows:

1. Hot Asphaltic Concrete (Class A and Class B) shall be compacted to not less than 94 percent of the bulk density of a standard specimen compacted as prescribed in AASHTO T 245 or not less than 88 percent of the maximum specific gravity determined in accordance with AASHTO T 209.

2. Hot Asphaltic Concrete (Class C) shall be compacted to not less than 96 percent of the bulk density of a standard specimen compacted as prescribed in AASHTO T 245 or not less than 91 percent of the maximum specific gravity determined in accordance with AASHTO T 209.

3. Hot asphaltic concrete pavement shall be placed in layers not to exceed 4 inches compacted thickness unless otherwise approved by the Engineer.

### **403.04 MEASURE AND PAYMENT**

The unit of measure for Hot Asphaltic Concrete of the class specified will be the ton. The number of tons will be the actual number of tons complete in place as weighed on approved truck scales. The Engineer will deduct the weight of all material lost, wasted, damaged, rejected or applied in excess of the Engineer's direction or contrary to these specifications.

The number of tons of the class specified will be paid for at the contract unit price per ton, which payment will be full compensation for the work specified complete in place.